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Ohio State Engineer

Title: Front Matter

Issue Date: Oct-1935

Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 19, no. 1 (October, 1935), 1.

URI: <http://hdl.handle.net/1811/35217>

Appears in Collections: [Ohio State Engineer: Volume 19, no. 1 \(October, 1935\)](#)

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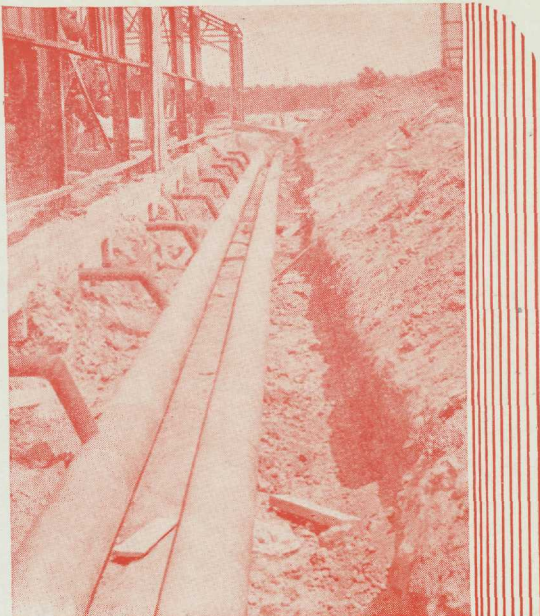
THE OHIO STATE ENGINEER

ENGINEERING 'ROUND
ABOUT COLUMBUS . . . THE
ENGINEER'S BOOKSHELF . . .
THE MODERN DIESEL ENGINE
. . . THE MACHINE TOOL
SHOW . . . CONVENTION
OF CHEMICAL ENGINEERS
. . . WITHOUT PENCIL AND
PAPER . . . BATTELLE MEMORI-
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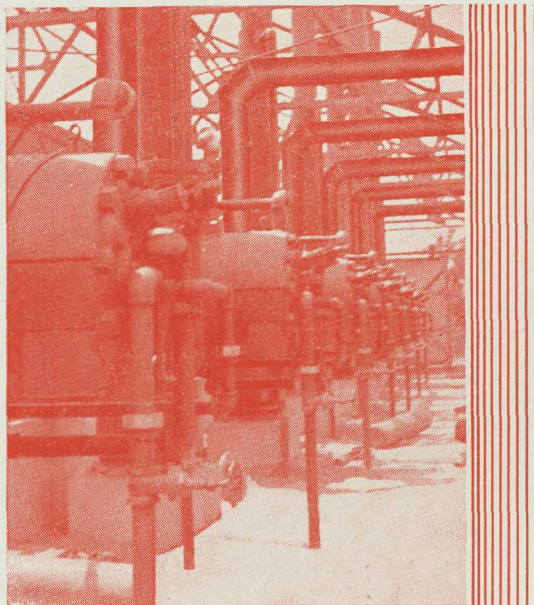
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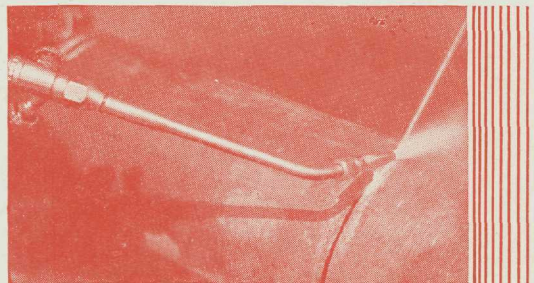
C. E. Sherman



This Lindewelded pipe can be buried and forgotten



Lindewelding also can be done on vertical and overhead lines



The Multi-Flame Lindeweld Head in action

80-MILE PIPING SYSTEM FOR GASOLINE PLANT *Lindewelded**

● The construction of an East Texas gasoline plant required approximately 80 miles of welded pipe. The piping system included gathering lines from over 1000 wells. It involved straight line runs, headers, bull-plugs, bends, angles and other specials. Pipe size ranged from 3-in. to 26-in. diameter—5/32-in. to 7/16-in. wall.

The Lindeweld method of oxy-acetylene welding was selected for this project after competitive tests with other types of pipe joints. The company found Lindewelding produced dependably uniform results, cost less, and could be done in less time.

The entire system was tested under pressure. Many of the welding operators had not used Lindewelding previously. Yet the company's engineers reported they did not find a single defective weld.

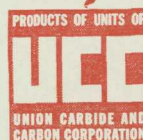
Lindewelding was brought to this project as a part of Linde Process Service, which is regularly available to Linde Customers—without charge. Linde Offices will gladly give you complete details on Lindewelding. They are located in Atlanta—Baltimore, Birmingham, Boston, Buffalo, Butte—Chicago, Cleveland—Dallas, Denver, Detroit—El Paso—Houston—Indianapolis—Kansas City—Los Angeles—Memphis, Milwaukee, Minneapolis—New Orleans, New York—Philadelphia, Phoenix, Pittsburgh, Portland, Ore.—St. Louis, Salt Lake City, San Francisco, Seattle, Spokane and Tulsa. The Linde Air Products Company, Unit of Union Carbide and Carbon Corporation.

*Lindewelding is a new method of oxy-acetylene welding developed by the Linde engineering and research organizations. This method requires less oxygen, less acetylene and less welding rod. Welds can be completed in less time. Yet Lindewelding involves only a special flame adjustment and a "back-hand" technique, together with Oxweld No. 24 Lindeweld Process Welding Rod. When circumstances permit, the Multi-Flame Lindeweld Head can be used. This will further increase the speed of Lindewelding. It costs only \$7.75. On pipe line construction Lindewelding is consistently saving 15 to 40 per cent in welding time, rods and gases.

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Published in the months of October, November, January, February, March, April, and May by the students in the College of Engineering, The Ohio State University, Columbus, Ohio. Subscription price, 72 cents (tax 3 cents) per year for seven copies, Single copies 14 cents each. Make checks and money orders payable to THE OHIO STATE ENGINEER.

Entered as second-class matter May 15, 1912, at the post office at Columbus, Ohio, under the Act of March 3, 1879. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917. Authorized December 8, 1922.